What is Claimed:

1. An isolated grapevine leafroll virus protein or polypeptide selected from the group of a polyprotein comprising a proteinase or a methyltransferase; a proteinase; a methyltransferase; a helicase having an amino terminal amino acid sequence of ValGlyGluSer; a protein consisting of the amino acid sequence of SEQ ID NO: 11; and a protein consisting of the amino acid sequence of SEQ ID NO: 13.

2. The isolated protein or polypeptide of claim 1, wherein the protein or polypeptide is a polyprotein having a molecular weight of from 242 to 248 kDa.

3. The isolated protein or polypeptide of claim 2, wherein the polyprotein comprises the amino acid sequence of SEQ ID NO: 15.

4. The isolated protein or polypeptide of claim 1, wherein the proteinase comprises the amino acid sequence of SEQ ID NO: 5.

5. The isolated protein or polypeptide of claim 1, wherein the methyltransferase comprises the amino acid sequence of SEQ ID NO: 7.

6. An isolated RNA molecule encoding a protein or polypeptide of claim ~~1.~~

~~7. An isolated DNA molecule having a nucleotide sequence of SEQ ID NO: 2 or SEQ ID NO: 14, or encoding a protein or polypeptide of claim 1.~~

8. The isolated DNA molecule of claim 7, wherein the protein or polypeptide is a polyprotein having a molecular weight of from 242 to 248 kDa.

9. The isolated DNA molecule of claim 8, wherein the polyprotein comprises the amino acid sequence of SEQ ID NO: 15.

Sub a27 10. The isolated DNA molecule of claim 9, wherein the DNA molecule comprises the nucleotide sequence of SEQ ID NO: 3.

11. The isolated DNA molecule of claim 7, wherein the protein or polypetide is a proteinase comprising the amino acid sequence of SEQ ID NO: 5.

Sub a37 12. The isolated DNA molecule of claim 11, wherein the DNA molecule comprises the nucleotide sequence of SEQ ID NO: 4.

13. The isolated DNA molecule of claim 7, wherein the protein or polypeptide is a methyltransferase comprising the amino acid sequence of SEQ ID NO: 7.

Sub a47 14. The isolated DNA molecule of claim 13, wherein the DNA molecule comprises the nucleotide sequence of SEQ ID NO: 6.

15. The isolated DNA molecule of claim 7, wherein the protein or poypeptide is a helicase comprising the amino acid sequence of SEQ ID NO: 9.

Sub a57 16. The isolated DNA molecule of claim 15, wherein the DNA molecule comprises the nucleotide sequence of SEQ ID NO: 8.

17. The isolated DNA molecule of claim 7, wherein the DNA molecule comprises the nucleotide sequence of SEQ ID NO: 10.

18. The isolated DNA molecule of claim 7, wherein the DNA molecule comprises the nucleotide sequence of SEQ ID NO: 12.

19. An expression system comprising an expression vector into which is inserted a heterologous DNA molecule of claim 7.

20. The expression system of claim 19, wherein the heterologous DNA molecule is inserted in sense orientation.

21. The expression system of claim 19, wherein the heterologous DNA molecule is inserted in antisense orientation.

~~22. A host cell transformed with a heterologous DNA molecule of claim 7.~~

23. The host cell of claim 22, wherein the host cell is selected from the group of *Agrobacterium vitis* and *Agrobacterium tumefaciens*.

24. The host cell of claim 22, wherein the host cell is a grape cell or a citrus cell.

~~25. A transgenic plant or transgenic plant component comprising the DNA molecule according to claim 7.~~

26. The transgenic plant or transgenic plant component of claim 25, wherein said transgenic plant component is a scion.

27. The transgenic plant or transgenic plant component of claim 25, wherein said transgenic plant component is a rootstock.

28. The transgenic plant or transgenic plant component of claim 25, wherein said transgenic plant component is a somatic embryo.

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~~29. A method of conferring viral disease resistance to a plant or plant component, said method comprising the steps of :~~

~~(a) transforming a plant cell with a DNA molecule according to claim 7 which is expressed in said plant or plant component; and~~

~~(b) regenerating a transgenic plant or transgenic plant component from said plant cell.~~

30. The method of claim 29, wherein said plant or plant component is resistant to a grapevine leafroll virus selected from the group of GLRaV-1, GLRaV-2, GLRaV-3, GLRaV-4, GLRaV-5, and GLRaV-6.

31. The method of claim 29, wherein said plant or plant component is resistant to a beet yellows virus, lettuce infectious yellows virus, or citrus tristeza virus.

32. An antibody or binding portion thereof or probe recognizing the protein or polypeptide according to claim 1.

33. A method for detecting a virus in a sample, said method comprising:

(a) contacting a sample with the antibody of claim 32 under conditions that allow for complex formation between said antibody and said virus; and

(b) detecting said complexes as an indication that said virus is present in said sample.

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~~34. A method for detecting a viral nucleic acid molecule in a sample, said method comprising:~~

~~(a) contacting a sample with the DNA of claim 7 or a fragment thereof under conditions that allow for complex formation between said DNA and said virus; and~~

~~(b) detecting said complexes as an indication that said virus is present in said sample.~~

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